

????????????????????
=====

CLACKAMAS ZX/TS USERS GROUP
NEWSLETTER

VOLUME 1, NUMBER 1

EDITED BY: ROD GOWEN
WRITTEN BY: DENNIS JURRIES AND
ROD GOWEN

=====

HI THERE FELLOW ZX/TS USERS---

As this is the first issue of our newsletter, there wont be a whole lot of news. As you can see by the heading, we do not have an official title for our little endeavor either. We would appreciate any and all suggestions that you may have. Please send or bring them on your Preference Sheet, to Rod Gowen or to Dennis Jurries. We will then vote on the selections at an upcoming meeting.

The Purpose of the newsletter will be to try to keep you informed as to meeting dates and times, and of any upcoming SPECIAL EVENTS. We hope you like it>>>>>>

NOW-- As for the next meeting, It will be held on,
date: SEPTEMBER 9, 1983
location: CLACK. COMM. COLLEGE
CLAIRMONT HALL
ROOM 142
(off beav. cr. rd.)
time: 7:00 P.M.
Hope to see all of you there.

FEATURES

With this issue, and in each future issue we will publish a short program or routine. If any of you have one you think might be of general interest, feel free to submit them.

We would also like to print short reviews on software and on hardware items. If anyone out there has one of general interest we will gladly accept them for consideration and possible publication (as space permits).

As you may or may not have heard, we are starting a tape library for the use of all paid-up club members. If you have any general interest programs that you might like to donate a copy of to the club, feel free to do so at any time.

BITS and BYTES

At the SEPT. meeting there will be a short report on the NEW TS 2068 by some club members who were lucky enough to have had our hot little hands on one, even if for only a short, oh so short a time. Enclosed with your newsletter is a SOFTWARE PREFERENCE SHEET, please fill it out and bring it with you to the next meeting. If you have any questions regarding this sheet, just bring it and them to the meeting and they will be answered.

As you should know, the purpose of our little group (soon to grow we hope) is to try to give assistance to each other as to operation and technique in using the ZX/TS COMPUTER equipment. Bring any and all you have to the meeting and see if anyone can help. If you cant wait, please feel free to call:

ROD GOWEN 655-7484 or
DENNIS JURRIES 655-9670

We will certainly give you an answer (if we have one).

This months program is on page two. Written by Dennis Jurries, there will also be a taped copy in our library for your convenience.

INSTRUCTIONS

UP CURSOR - CLEARS SCREEN
 DOWN CURSOR - COPIES SCREEN
 LEFT CURSOR - DELETES
 RIGHT CURSOR - MOVES CURSOR DOWN ONE LINE

GRAPHICS - LISTS W.P. INFO.
 ENTER - PROVIDES SPACE IN LINE

ZX/TS P and R

(Programs and routines)

Did you all catch the little goody in the JUNE issue of SYNTAX? If not, you missed one. If you missed it, here it is---

SAVE CHR\$ USR 832 "Program name"

This one line routine will help you make a copy of those unsavable programs. Put the tape you want to copy in your recorder, make sure that you have a new, blank tape in front of your recorder, as you have only five, that's 5 seconds in which to turn off the recorder, remove one tape insert the new tape, and start the recorder on "record". That is not a lot of time as you will find out, but, with a few practice runs, you should have no trouble. This routine tells the computer to load the program and then, via a USR call, tells the machine to save it exactly as it was loaded, and if there are no bugs in the program, the routine will work everytime. Give it a try--

NOW--- Here is Mr. Jurrries MINI-WORD PROCESSOR. If you have any problems please ask DENNIS. He will be glad to help.

SEE YOU NEXT TIME---
 POKEing AND PEEKing.

---PRESS ANY KEY TO START---

```

1 PRINT TAB 6;"ZX/TS WORD PRO
CESSOR";AT 2,0;"(C) 1982 BY PI EN
GINEERING LTD."
2 PRINT AT 4,9;"INSTRUCTIONS"
;AT 6,0;"UP CURSOR - CLEARS S
CREEN"
3 PRINT AT 7,0;"DOWN CURSOR
- COPIES SCREEN";AT 8,0;"LEFT CU
RSOR - DELETES"
4 PRINT AT 9,0;"RIGHT CURSOR
- MOVES CURSOR DOWN";AT 10,19;"O
NE LINE"
5 PRINT AT 12,0;"GRAPHICS
- LISTS W.P. INFO.";AT 13,0;"EN
TER - PROVIDES SPACE";AT
14,19;"IN LINE"
6 PRINT AT 19,0;"---PRESS A
NY KEY TO START---"
7 PAUSE 4E4
8 CLS
9 LET X=0
10 LET Y=0
11 IF INKEY$<>"" THEN GOTO 11
12 IF INKEY$="" THEN GOTO 55
13 FAST
15 LET A$=INKEY$
16 IF CODE A$>=112 OR CODE A$<
=118 THEN SLOW
20 IF CODE A$=113 THEN GOTO 50
25 IF CODE A$=112 THEN GOTO 7
28 IF CODE A$=116 THEN GOTO 90
30 IF CODE A$=115 THEN GOTO 80
32 IF CODE A$=114 THEN GOTO 70
35 IF CODE A$=118 THEN PRINT "
";
40 IF CODE A$<112 OR CODE A$>1
18 THEN PRINT AT X,Y,A$;
42 LET Y=Y+1
43 IF Y=32 THEN GOTO 47
44 SLOW
45 GOTO 11
46 LET Y=0
47 LET X=X+1
48 SLOW
49 GOTO 11
50 COPY
52 GOTO 7
55 PRINT AT X,Y;"■";AT X,Y;" "
56 GOTO 12
60 LET Y=31
62 LET X=X-1
65 GOTO 11
70 IF Y=0 AND X>0 THEN GOTO 60
72 LET Y=Y-1
75 GOTO 11
80 PRINT
81 LET X=X+1
82 LET Y=0
84 GOTO 11
90 PRINT AT 20,0;" WORD P
ROCESSOR ON ZX81 (12/28/82)
BY DENNIS JURRIES ■"
95 GOTO 11
9998 SAVE "ZX/TS WORD PROCESSOR"
9999 GOTO 1

```